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TRANSMITTAL			Application Number		09/898,987		
			Filing	Date	July 3, 2001		
FORM			First I	Named Inventor	Verhagen, Marcus E.M. scp 2 8 2001		
(to be used for all correspondence after initial filing)			Group	Art Unit	2641		
			Exam	iner Name	Unassigned		
Total Number of Pages in This Submission			Attorn	ey Docket Number	019497-002100		
		ENCL	OSURES	(check all that apply)			
Fee Transmittal F	orm		ment Pa Application		After Allowance Communication to Group		
Fee Attached	Formal Drawing(s) - 33 sheets		(s) - 33 sheets	Appeal Communication to Board of Appeals and Interferences			
Amendment / Response		Licensing-related Papers		d Papers	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)		
After Final		Petition Routing Slip (PTO/SB/69) and Accompanying Petition			Proprietary Information		
			to Convional App		Status Letter		
Extension of Time Request		Power of Attorney, Revocation Change of Correspondence Address			Other Enclosure(s) (please identify below):		
Express Abandonment Request		☐ Terminal Disclaimer ☐ Request for Refund			Return Postcard PTO Copy of Notice to File Corrected Application Papers		
☐ Information Disclosure Statement		CD, Number of CD(s)			Application Papers		
Certified Copy of Priority Document(s)				The Commissioner is a Deposit Account 20-14	authorized to charge any additional fees to 30.		
Response to Missing Parts/ Incomplete Application				J			
Response to Missing Parts under 37 CFR 1.52 or 1.53							
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and Individual name	Patrick M. Boucher Reg No. 44,037						
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Date	September 24, 2001						
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APPLICATION NUMBER FILING/RECEIPT DATE FIRST NAMED APPLICANT ATTORNEY DOCKET NUMBER 09/898,987 07/03/2001 Marcus E. M. Verhagen 019497-002100US

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CONFIRMATION NO. 2854
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Date Mailed: 08/23/2001

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Filing Date Granted

This application has been accorded an Application Number and Filing Date. The application, however, is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.138(a)

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1 84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

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PART 2 - COPY TO BE RETURNED WITH RESPONSE

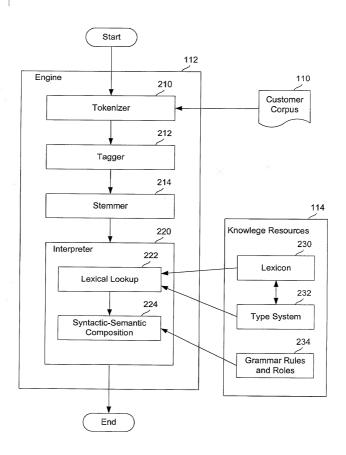


FIG. 1

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Applicant: Marcus E.M. Verhagen et al.
Title: METHOD AND SYSTEM FOR ACQUIRING AND MAINTAINING
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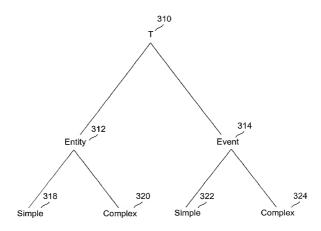
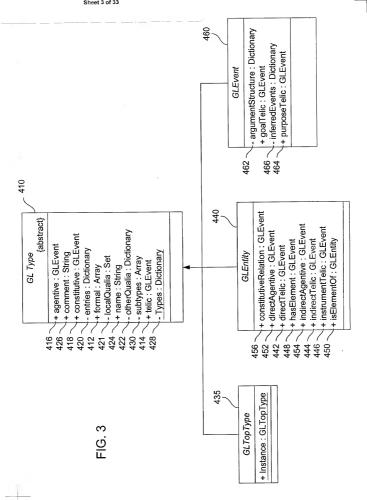


FIG. 2



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Applicant: Marcus E.M. Verhagen et al.
Title: METHOD AND SYSTEM FOR ACQUIRING AND MAINTAINING
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510a □X T3 and Lexicon Browser Loading Saving Change Logs Views Tools Create Type Edit Type Delete Type Delete Subs Rename Type Change Super Find Types - 526 Top Type * -mutual fund Entity * ____ 524 512 Group * Immaterial Entity * - 522 Individuated Entity * Area * Celestial Body * Individuated Functional Entity Individuated Instrumental Entity -514 Communication Medium Financial Instrument _____ 516 Mutual Fund Payment Instrument Individuated Tool Entity PartOf Representational Artifact * Social Entity * Sound * Source * Virtual Object * Virtual Image 3 550 Material Entity ' • Mutual Fund mutual fund - 2 "a Complex GLEntity" "a CollocationalNounEntry" -552 formal: #([[Company]] [[Financial type: [[Mutual Fund]] Instrument]]) name: mutual fund indirectAgentive: [[Found Activity]] directTelic: [[Business Activity]] 540 instrumentTelic: [[Invest Activity]] genre: [[Genre]] location: [[Location Relation]] ▼ ▼ Change Type Create Edit X-0-Mat Сору Rename Delete Multiple Del Find Change Types

FIG. 4

Application No.: 09/898,987 Applicant: Marcus E.M. Verhagen et al. Title: METHOD AND SYSTEM FOR ACQUIRING AND MAINTAINING NATURAL LANGUAGE INFORMATION Sheet 5 of 33

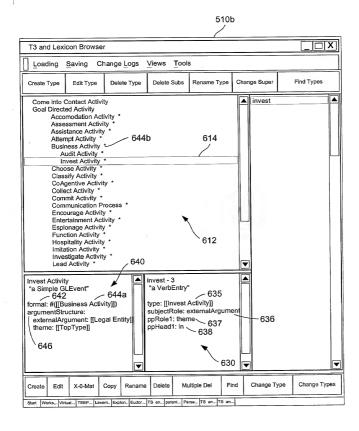


FIG. 5

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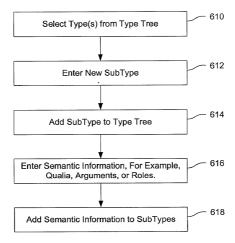


FIG. 6A

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Applicant: Marcus E.M. Verhagen et al.
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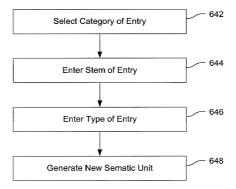


FIG. 6B

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Applicant: Marcus E.M. Verhagen et al.
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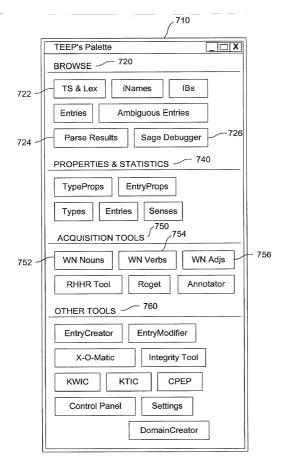


FIG. 7

Application No.: 09/898,997 Applicant: Marcus E.M. Verhagen et al. Title: METHOD AND SYSTEM FOR ACQUIRING AND MAINTAINING NATURAL LANGUAGE INFORMATION BY THE STATE OF T

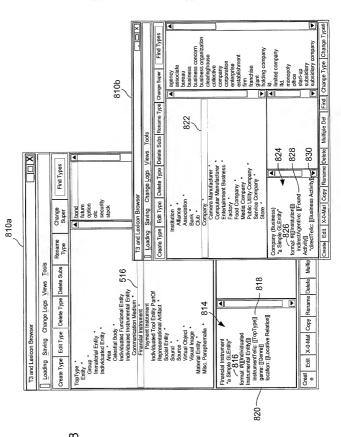


FIG. 8

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Applicant: Marcus EM. Verhagen et al.
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NATURAL LANGUAGE INFORMATION
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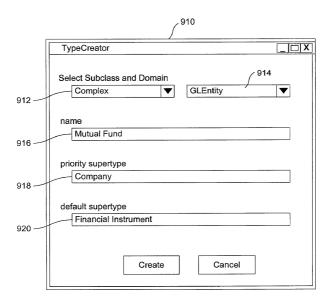


FIG. 9

Application No.: 09/898,987 Applicant: Marcus E.M. Verhagen et al. Title: METHOD AND SYSTEM FOR ACQUIRING AND MAINTAINING NATURAL LANGUAGE INFORMATION Sheet 11 of 33

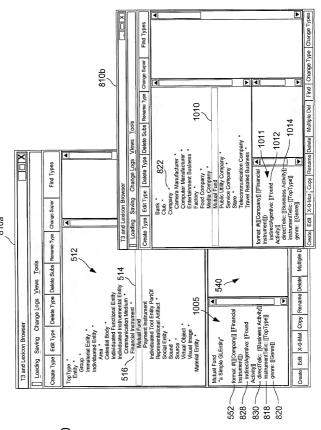


FIG. 10

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Applicant: Marcus E.M. Verhagen et al.
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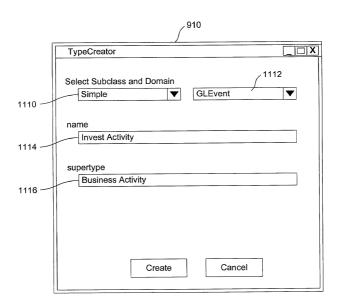


FIG. 11

Application No.: 09/898,987 Applicant: Marcus E.M. Verhagen et al. Title: METHOD AND SYSTEM FOR ACQUIRING AND MAINTAINING NATURAL LANGUAGE INFORMATION Sheet 13 of 33

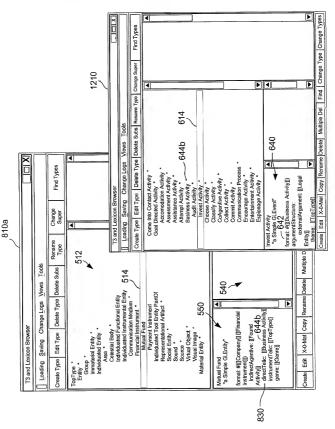


FIG. 12

Application No.: 09/898,987 Applicant Marcus E.M. Verhagen et al. Title: METHOD AND SYSTEM FOR ACQUIRING AND MAINTAINING NATURAL LANGUAGE INFORMATION Sheet 14 of 33

-1330 Change Types ▲ [[TopType]] Find Types Þ Change Type 320 1322 Change Super constitutiveRelation argumentBindings IndirectAgentive direct Telic indirectTelic corpus wnsource directAgentive instrumentTelic 1 1 hasElement isElementOf Find otherQualia localQualia comment Rename Type domain Multiple Del Tools Delete Subs 514 Rename Delete Loading Saving Change Logs Views Individuated Functional Entity Individuated Instrumental Entity Individuated Tool Entity PartOf Communication Medium * Delete Type Representational Artifact * Social Entity * 550 Financial Instrument * Payment Instrument directTelic: [[Business Activity]] instrumentTelic: [[TopType]] 1314 formal: #([[Company]] [[Financial Copy Mutual Fund Virtual Object * indirectAgentive: [[Found 13 and Lexicon Browser Celestial Body Immaterial Entity * Visual Image Material Entity * Edit Type ndividuated Entity X-0-Mat Source * Mutual Fund "a Simple GLEntity" * punos genre: [[Genre]] Group * instrument]]) Create Type ËĠ TopType * Entity * Activity]] Create

FIG. 13

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Applicant: Marcus E.M. Verhagen et al.
Title: METHOD AND SYSTEM FOR ACQUIRING AND MAINTAINING
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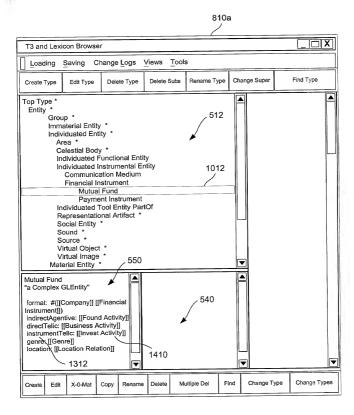


FIG. 14

Application No.: 09/898,987 Applicant: Marcus EM. Verhagen et al. Title: METHOD AND SYSTEM FOR ACQUIRING AND MAINTAINING NATURAL LANGUAGE INFORMATION Sheat 16 of 35 Heat 16 of 36

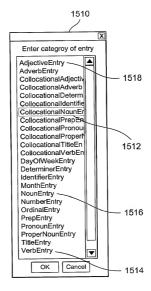


FIG. 15

Application No.: 09/898,987 Applicant: Marcus E.M. Verhagen et al. Title: METHOD AND SYSTEM FOR ACQUIRING AND MAINTAINING NATURAL LANGUAGE INFORMATION Sheet 17 of 35.

810a T3 and Lexicon Browser Saving Change Logs Views Tools Loading Delete Subs Rename Type Change Super Find Type Edit Type Delete Type Create Type Top Type * Entity ' 1620 Group * Immaterial Entity * Individuated Entity * Area * Celestial Body * Individuated Functional Entity Individuated Instrumental Entity 514 Communication Medium Financial Instrument Mutual Fund Payment Instrument Individuated Tool Entity PartOf Representational Artifact * Social Entity * Sound * Source * Virtual Object * Virtual Image * 550 Material Entity • Mutual Fund "a Complex GLEntity" formal: #([[Company]] [[Financial Instrument]]) 540 X 1630 Enter stem of entry 1632 mutual fund ок Cancel Change Types Change Type Сору Delete Multiple Del Find Create Edit X-0-Mat Rename

FIG. 16

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810a T3 and Lexicon Browser Saving Change Logs Views Tools Loading Find Type Delete Subs Rename Type Change Super Create Type Edit Type Delete Type mutual fund Top Type * Entity * Group * 1710 Immaterial Entity * Individuated Entity * Area * Celestial Body * Individuated Functional Entity Individuated Instrumental Entity 514 Communication Medium Financial Instrument Mutual Fund 1620 Payment Instrument Individuated Tool Entity PartOf Representational Artifact * Social Entity * Sound * 1720 Source * Virtual Object * 540 Virtual Image * 550 Material Entity ' mutual fund - 2 Mutual Fund "a CollocationalNounEntry" "a Complex GLEntity" type: [[Mutual Fund]] < formal: #([[Company]] [[Financial name: mutual fund Instrumentil) 1722 indirectAgentive: [[Found Activity]] directTelic: [[Business Activity]] 542 instrumentTelic: [[Invest Activity]] 1726 genre, [[Genre]] location [[Location Relation]] 1410 1312 ▼ Change Type Change Types Multiple Del Find Edit X-0-Mat Copy Rename Delete Create

FIG. 17

Application No: 09/898,987 Applicant. Marcus E.M. Verhagen et al. Title: METHOD AND SYSTEM FOR ACQUIRING AND MAINTAINING NATURAL LANGUAGE INFORMATION Sheet 19 of 35. Beet 19 of 35.

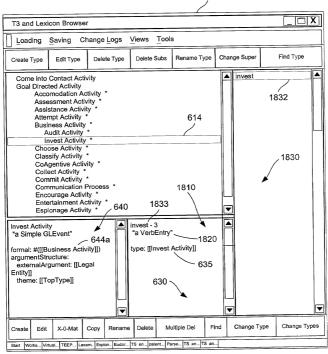


FIG. 18

Application No.: 09/898,987 Applicant: Marcus E.M. Verhagen et al. Title: METHOD AND SYSTEM FOR ACQUIRING AND MAINTAINING NATURAL LANGUAGE INFORMATION Sheet 20 of 35 heet 20 of 35

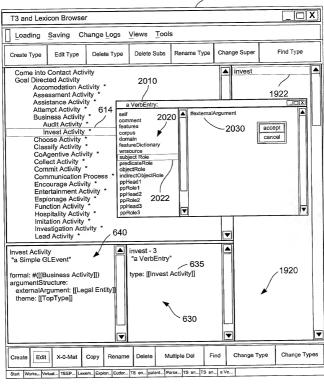


FIG. 19

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Applicant: Marcus E.M. Verhagen et al.
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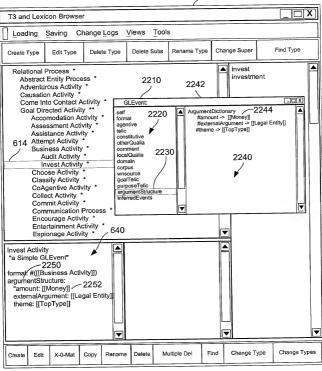


FIG. 20

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Applicant Marcus E.M. Verhagen et al.
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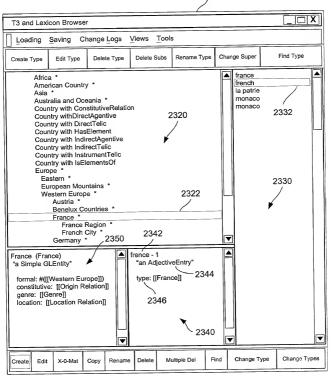


FIG. 21

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Applicant: Marcus E.M. Verhagen et al.
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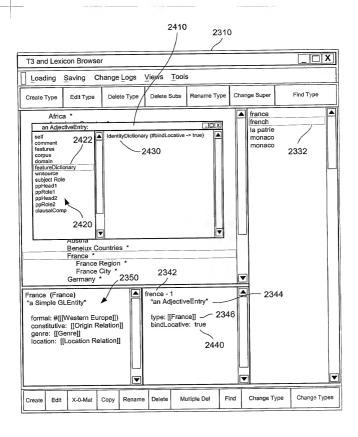


FIG. 22

Application No.: 09(898,987 Applicant: Marcus E.M. Verhagen et al. Title: METHOD AND SYSTEM FOR ACQUIRING AND MAINTAINING NATURAL LANGUAGE INFORMATION SHEET AUGUST OF THE ACQUIRING AND MAINTAINING NATURAL LANGUAGE INFORMATION SHEET AUGUST OF THE AUGUST OF THE AUGUST OF THE AUGUST OF T

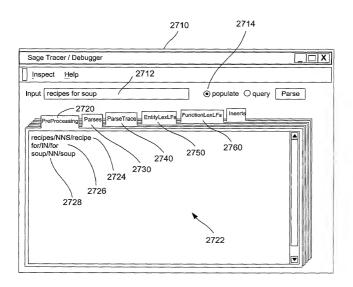


FIG. 23

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Applicant: Marcus E.M. Verhagen et al.
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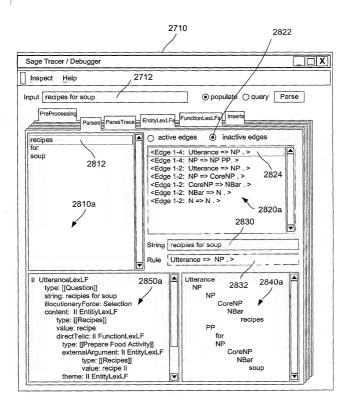


FIG. 24

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Applicant: Marcus E.M. Verhagen et al.
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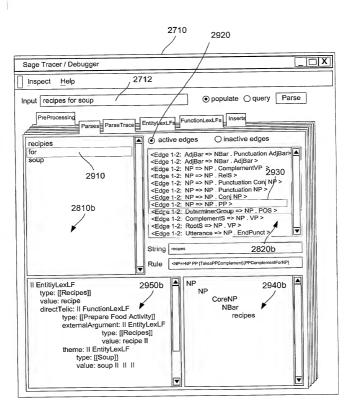


FIG. 25

Application No.: 09/898,987 Applicant: Marcus E.M. Verhagen et al. Title: METHOD AND SYSTEM FOR ACQUIRING AND MAINTAINING NATURAL LANGUAGE INFORMATION Sheet 27 of 33

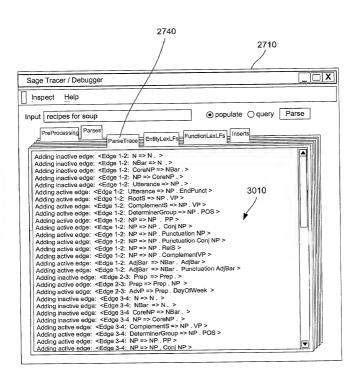


FIG. 26A

Application No.: 09/898,987 Applicant: Marcus E.M. Verhagen et al. Title: METHOD AND SYSTEM FOR ACQUIRING AND MAINTAINING NATURAL LANGUAGE INFORMATION Sheet 28 of 38

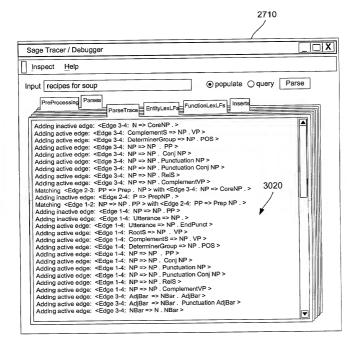


FIG. 26B

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Applicant: Marcus E.M. Verhagen et al.
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3230 3210)
Parse Results Browser	X
Parsing Information Builders	
Sentence: recipes for soup	Parse
Parse #1 All Edges	
Semantics Tree Edges	•
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FIG. 27

Application No.: 09/988,987
Applicant. Macrus EM. Verhagen et al.
Title: METHOD AND SYSTEM FOR ACQUIRING AND MAINTAINING
NATURAL LANGUAGE INFORMATION
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3210

Parse Results Browser Parsing Information Builders Parse Sentence: recipes for soup Parse #1 All Edges Semantics Tree Edges <Utterance recipes for soup> 3250 <NP recipes for soup> 3310 <PP for soup> <NP recipes> <Prep for (for)> <NP soup> <CoreNP recipes> <NBar recipes> <CoreNP soup> <NBar soup> <N recipes (recipe)> <N soup (soup)>

FIG. 28

Application No.: 09/898,997
Applicant: Marcius E.M. Verhagen et al.
Title: METHOD AND SYSTEM FOR ACQUIRING AND MAINTAINING
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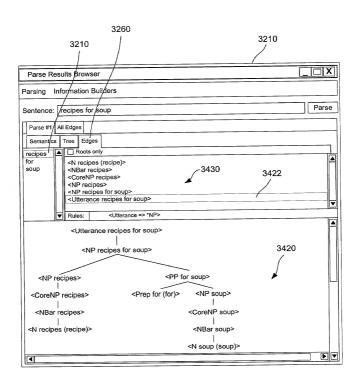


FIG. 29

Application No.: 09/898,987
Applicant: Marcus E.M. Verhagen et al.
Title: METHOD AND SYSTEM FOR ACQUIRING AND MAINTAINING
NATURAL LANGUAGE INFORMATION
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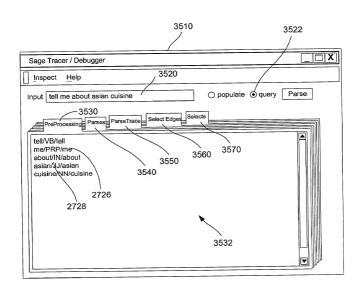


FIG. 30

Application No.: 09/898,987
Applicant: Marcus E.M. Verhagen et al.
Title: METHOD AND SYSTEM FOR ACQUIRING AND MAINTAINING
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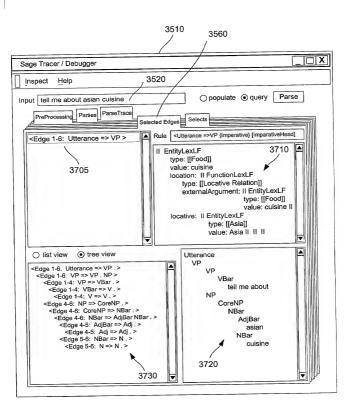


FIG. 31